

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Date Completed, P. & A., or
 operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

1-31-58

FILE NOTATIONS

Entered in N.I.D. File ✓
 Entered on S.R. Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 IWR for State or Fee Land ✓

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter ✓
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 2-3-58
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA ✓

Location Inspected ✓
 Bond released _____
 State of Fee Land 11-20-58

LOGS FILED

Driller's Log 4-4-58
 Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

PAN AMERICAN PETROLEUM CORPORATION

Rangely, Colorado

December 6, 1957

File: IAK-1314-WF

Subject: Sundry Notices and
Reports on Wells

Oil and Gas Conservation Commission
of the State of Utah
Room 105, Capitol Building
Salt Lake City, Utah

Dear Sir:

Please find attached 2 copies of USGS Form 9-331a, Sundry Notices and Reports on Wells, covering our Notice of Intention to Drill Halliday Well No. 1.

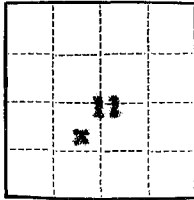
Please return an approved copy for our files. Also enclosed for your file is a Location Plat as required by Rule C-4 (a).

Yours very truly,



L. A. King
Production Foreman

MEJ:lrs
Attachment



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. _____
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 6, 1957

Well No. 1 is located 1980 ft. from NU line and 1980 ft. from EW line of sec. 11

NE NW Sec. 11 T37N R22E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is Unknown ft. (Will be determined later)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Pan American Petroleum Corporation proposes to drill Halliday Well No. 1 to test the Upper Paradox for oil and gas possibilities. The following is the tentative casing program.

350' of 13 3/8"
1200' of 9 5/8"
6600' of 5 1/2"

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

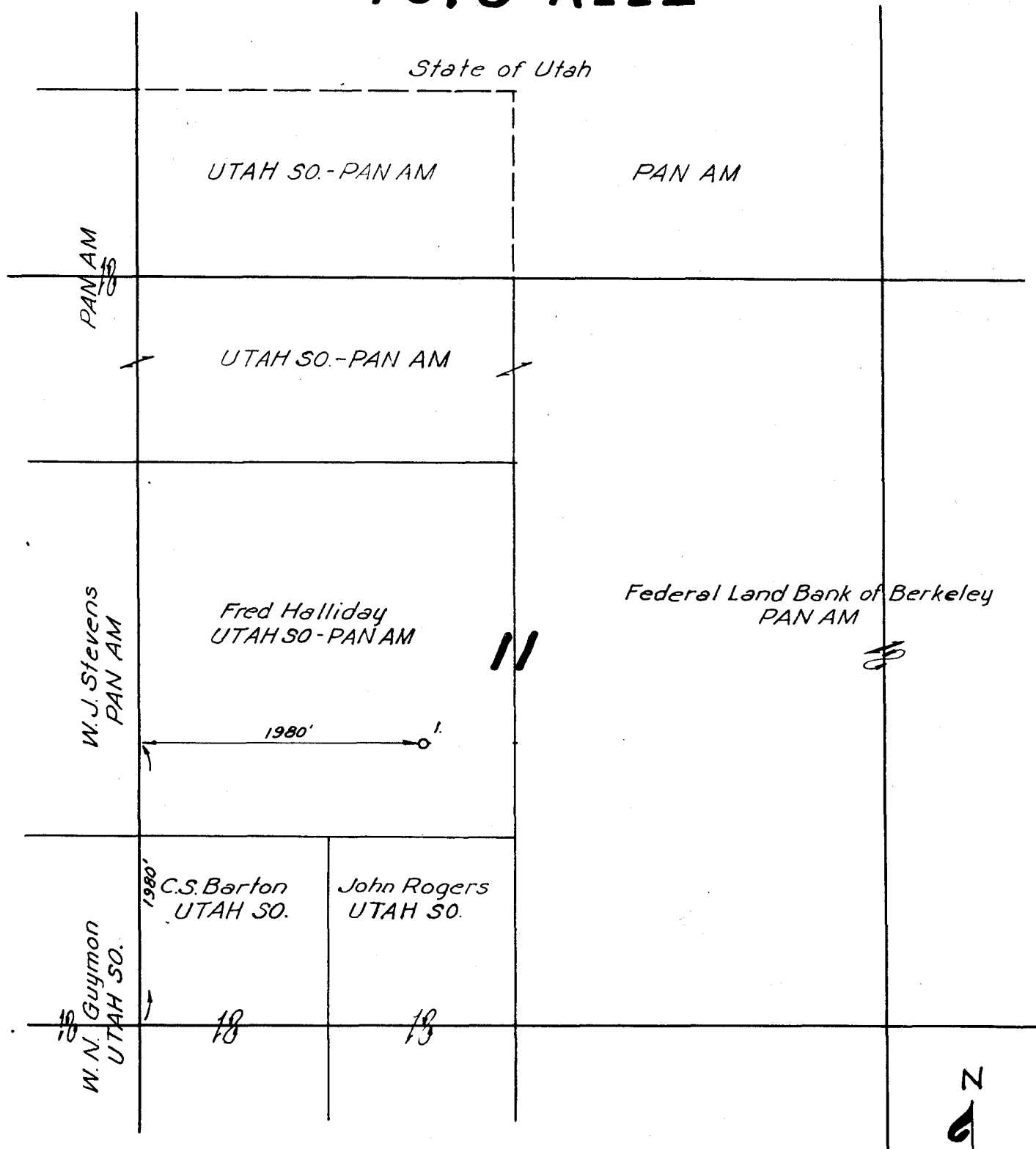
Company Pan American Petroleum Corporation

Address Longely, Colorado

By _____

Title Production Foreman

T37S-R22E



Location Plat
Halliday No 1, Sec. 11, T37S-R22E
BLANDING AREA
San Juan County, Utah
Scale: 1"=1000'

G. N. Woolford
Civil Engineer
Pan American Petroleum Corp.

December 9, 1957

Pan American Petroleum Corporation
Rangely,
Colorado

Attention: L. A. King, Production Foreman

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Halliday 1, which is to be located 1980 feet from the south line and 1980 feet from the west line of Section 11, Township 37 South, Range 22 East, S1E4, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

DR-USGS

PAN AMERICAN PETROLEUM CORPORATION

Rangely, Colorado

December 27, 1957

File: LAK-1369-WF

Subject: Fred Halliday Well No. 1

Oil and Gas Conservation Commission
of the State of Utah
Room 105, Capitol Building
Salt Lake City, Utah

Gentlemen:

Please find attached an original and 3 copies of OGCC Form 1, Notice of Intention to Drill, covering our Fred Halliday Well No. 1.


When submitting Sundries for this well, we were in error thinking it was Federal Land. A USGS Form 9-331a was forwarded to your office covering our Notice of Intention to Drill, and was returned to our office approved. Subject well was spudded on December 19, 1957.

We are re-submitting our Notice of Intention to Drill on a OGCC Form 1, and will submit OGCC Forms for all future Sundry Notice requirements.

Please return two approved copies for our files. Also enclosed for your file is a Location Plat as required by Rule C-4(a).

We are sorry that a USGS Form 9-331a was submitted in error, instead of the OGCC Form 1, and want to thank you for the trouble and inconvenience we caused.

Yours very truly,


L. A. King
Production Foreman

MEJ:lrs
Attachment

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
NOTICE OF INTENTION TO DRILL

OIL AND GAS CONSERVATION COMMISSION

December 26, 1957

In compliance with Rule C-4, notice is hereby given that it is our intention to commence
the work of drilling Well No. 1, which is located 1980 ft from (S) line and 1980 ft
(E) from (W) line of Sec 11, Twp 37S, R 22E, Salt Lake (Meridian), Wildcat (Field or Unit)
(N)

San Juan on or about 19 day of December, 1957
(County)

LAND: Fee and Patented (x) Name of Owner of patent or lease Fred Halliday
State ()
Lease No None Address Blanding, Utah
Public Domain ()
Lease No _____

Is location a regular or exception to spacing rule? Regular Has a surety bond been
filed? Yes With whom? State Area in drilling unit Not a Unit
(State of Federal)
Elevation of ground above sea level is 5809 ft. All depth measurements taken from
top of Rotary Drive Bushing which is 11.6 ft above ground
(Derrick Floor, Rotary Table or Kelley Bushing)
Type of tools to be used Rotary. Proposed drilling depth 6660 ft. Objective formation
is Upper Paradox

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight Per Foot	Grade and Type	Amount Ft. In.	Top	Bottom	Cementing Depths
13 3/8	35.6#	Armco SJ	350	--	350	Cement to Surface
9 5/8	32.3#	ST&C H-40	1200	--	1200	Cement with 500 sax
5 1/2	14.0#	ST J-55	6660	--	6660	Cement with 300 sax

AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements
herein made are to the best of my knowledge and belief, true, correct and complete.

Approved _____

By L. A. King

Date 19

Production Foreman
(Title or Position)

By _____

Pan American Petroleum Corporation
(Company or Operator)

Title _____

Address Rangely, Colorado

INSTRUCTIONS:

1. Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Rm 105, Capitol Bldg, Salt Lake City 14, Utah.
2. A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the commission as soon as available.
4. Use back of form for remarks.

December 30, 1957

Pan American Petroleum Corporation
Rangely,
Colorado

Attention: L. A. King, Production Foreman

Re: Well No. Fred Halliday 1

Dear Mr. King:

Thank you for your letter of December 27, 1957, and the enclosed Notices of Intention to Drill relative to the above mentioned well.

Please be advised that Federal Forms may be used in lieu of State Forms in all cases, except for Form OGOC-5, Monthly Oil and Gas Production Report, and Bond Forms.

Incidentally, a bond has never been filed with this office covering the drilling of said well. We are enclosing some of our bond forms for completion and return. Please expedite.

Also, enclosed are some of our new Notice of Intention to Drill Forms, for future use.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FEIGHT
SECRETARY

CBF:en

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 238
Salt Lake City, Utah

January 28, 1958

Re: AFE 21,166
Blanding Area
San Juan County
U t a h

Mr. C. B. Feight
State of Utah Oil & Gas Commission
Capitol Building
Salt Lake City, Utah

Dear Sir:

Enclosed herewith please find State Bond executed by officials of Pan American Petroleum Corporation and Utah Southern Oil Company, as requested by you in regard to the No. 1 Fred Halliday which is presently being drilled in San Juan County, Utah.

Very truly yours,

PAN AMERICAN PETROLEUM CORPORATION

C. E. Brown
8/50

C. E. Brown
District Landman

DEB:el
Enclosure

PAN AMERICAN PETROLEUM CORPORATION

Rangely, Colorado

February 3, 1958

File: LAK-67-WF

Subject: Fred Halliday Well No. 1

71-18
2-17

Oil and Gas Conservation Commission
of the State of Utah
Room 105, Capitol Building
Salt Lake City, Utah

Gentlemen:

Please find attached an original and four copies of OGCC Form 1,
Sundry Notices and Reports on Wells, covering our Notice of Inten-
tion to Abandon our Fred Halliday Well No. 1.

Please return four approved copies for our files.



Yours very truly,

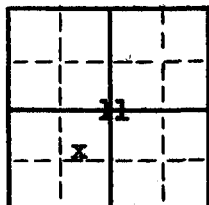

L. A. King
Production Foreman

MEJ:lrs
Attachment

W/

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....	<input type="checkbox"/>
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 3, 1958

Well No. 1 is located 1980 ft. from XXX line and 1980 ft. from XXX line of Sec. 11

NE 1/4 SW 1/4 Sec. 11 T37S R22E Salt Lake

Wildcat San Juan Utah

The elevation of the ~~ground~~ floor above sea level is 5809 feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Pan American proposes to abandon Fred Halliday Well No. 1 as follows: 25 Sax cement plug 6336-6274, 25 Sax 5902-5840, 25 Sax 5131-5069, 25 Sax 3072-3010, 30 Sax 390-345, 20 Sax Surface with marker. Well was drilled to a TD of 6429 without encountering commercial shows of oil and/or gas.

Sample Tops as follows: Dakota surface, Summerville 784, Entrada 915, Carmel 1065, Navajo 1195, Kayenta (1810), Chinle 2319, Shinarump 2943, Moenkopi 3041, Cutler 3185, Hermosa 5100, Paradox "A" 5871, Paradox "B" 6063, Paradox "C" 6305, Salt 6425.

Verbal approval to plug obtained from Mr. C. A. Hauptman on 1-31-58.

*Plugging plan
as per above approved
by phone C. A. Hauptman.
1-1-58.*

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Pan American Petroleum Corporation

Address Rangely, Colorado

By L. King

Title Production Foreman

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

PAN AMERICAN PETROLEUM CORPORATION

Rangely, Colorado

February 17, 1958

File: LAK-114-WF

Subject: Sundry Notices and
Reports on Wells

Oil and Gas Conservation Commission
of the State of Utah
Room 105, Capitol Building
Salt Lake City, Utah

Gentlemen:

Please find attached an original and two copies of OGCC Form 1,
Sundry Notices and Reports on Wells, covering the Subsequent
Report of Abandonment for our Fred Halliday Well No. 1.

Please return one approved copy for our files.

Yours very truly,

L. A. King
L. A. King
Production Foreman

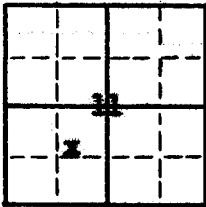
MEJ:lrs
Attachment

*Charlie. Please approve
and give one copy to
Chris to mail*

W

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History..... Subsequent Report of Abandonment	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 14, 1958

Well No. 1 is located 1900 ft. from NE 1/4 line and 1900 ft. from SW 1/4 line of Sec. 11
NE 1/4 SW 1/4 Sec. 11 T37S R22E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5809 feet.

A drilling and plugging bond has been filed with State of Utah.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Pan American Petroleum Corporation plugged and abandoned its Fred Halliday Well No. 1 on Feb. 3, 1958 and set plugs as follows:

6636-6274 - 25 Sax
 5902-5840 - 25 Sax
 5131-5069 - 25 Sax
 3072-3010 - 25 Sax
 390-345 - 30 Sax
 Surface w/marker - 20 Sax

*on orig -
 Note to King -
 Has loc been cleaned up?
 If not, how soon?
 C.A.T.
 approved
 Feb 25, '58
 C.A. Sautman*

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

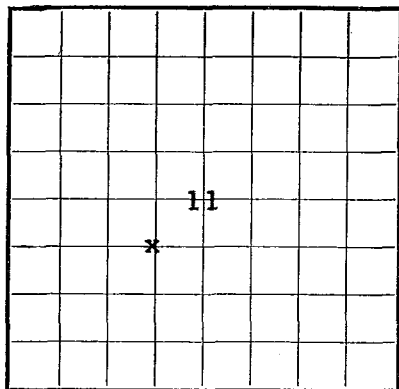
Company Pan American Petroleum Corporation

Address Rangely, Colorado

By L. King

Title Production Foreman

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

FRED HALLIDAY WELL NO. 1

Company Pan American Petroleum Corporation Address Rangely, ColoradoLessor or Tract Fee and Patented Field Wildcat State UtahWell No. 1 Sec. 11 T. 37S R. 22E Meridian Salt Lake County San JuanLocation 1980 ft. N. of S. Line and 1980 ft. E. of W. Line of Sec. 11 Elevation 5821 RDB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed L. KingDate March, 1958 Title Production Foreman

The summary on this page is for the condition of the well at above date.

Commenced drilling December 19, 1958. Finished drilling February 3, 1958.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	35.7#	8RT	Armco	361	Float Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	374'	275	Two-Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	374'	275	Two-Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 6429 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. E. Baxter _____, Driller E. J. Helco _____, Driller
J. L. Burkhalter _____, Driller J. D. Elam (Tool-Pusher) _____, ~~XXXXXX~~

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	910	910	Dakota
910	1097	187	Summerville
1097	1194	97	Entrada
1194	1317	123	Carmel
1317	1910	593	Navajo
1910	1987	77	Kayenta
1987	2310	323	Wingate
2310	2945	635	Chinle
2945	3064	119	Shinarump
3064	3185	121	Moenkopi
3185	5100	1915	Cutler
5100	5872	772	Hermosa
5872	6063	191	Paradox "A"
6063	6305	242	Paradox "B"
6305	6425	120	Paradox "C"
6425	6429	4	Salt

[OVER]

16-48094-4

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Well was spudded on December 19, 1957, by contractor, Camay Drilling Company of Denver, Colorado. 13 3/8" casing was set at 374' and cemented to surface with 275 sax. Cement circulated. No commercial oil or gas zones were encountered. DST No. 1 was run from 6064 to 6204 in the Paradox "B", the tool was open 2 Hrs., SI 30 Min. Recovered 385 ft. drilling mud and 30 ft. slightly gas cut mud. The well was plugged and abandoned on February 3, 1958. Plugs were set as follows: 6336-6274 (25 sax), 5902-5840 (25 sax), 5131-5069 (25 sax), 3072-3010 (25 sax), 390-345 (30 sax), surface plug 20 sax with marker.

PAN AMERICAN PETROLEUM CORPORATION

Rangely, Colorado

March 4, 1958

File: LAK-172-400.1

Subject: Your Note Regarding
Final Clean-up of
Wildcat Well Locations

W/H
3-10

Mr. C. A. Hauptman
Utah Oil and Gas Conservation Commission
Salt Lake City, Utah

Dear Charles:

At the present time we have four abandoned well locations in Utah, to be finally cleaned up when the weather permits, namely: Fred Halliday #1 - Reserve pit fenced. Will complete cleanup - May or June, 1958. Bears Ears #1 and Elk Ridge #2 - Clean up May or June, 1958. Donald B. Anderson #1 - Have arranged to clean up location as soon as contractor can get to location when the roads dry up.

We will inform you when these locations have been cleaned up.

Yours very truly,

L. A. King
L. A. King
Production Foreman

LAK:lrs

CC: Mr. D. F. Russell
Mr. Jerry W. Long

Note: Donald B. Anderson #1 was cleaned up March 2, 1958.

11-20-58

*CE Brown, District Engineer
Pan am
238 SLC*

Please consult

George Watson

CC Bandy Co

*cc: not
by way of
B/L
7. el*

PAN AMERICAN PETROLEUM CORPORATION

Rangely, Colorado

March 17, 1958

File: LAK-208-WF

Subject: Log of Oil or Gas Well

Oil and Gas Conservation Commission
of the State of Utah
Room 105, Capitol Building
Salt Lake City, Utah

Gentlemen:

Please find attached an original and two copies of the USGS Form 9-330,
Log of Oil or Gas Well, covering our Fred Halliday Well No. 1.

Yours very truly,

L. A. King
L. A. King
Production Foreman

MEJ:lrs
Attachment

51

November 20, 1958

Pan American Petroleum
P. O. Box 238
Salt Lake City, Utah

Attention: C. E. Brown, District Landman

Gentlemen:

With reference to our telephone conversation of this date, you are hereby advised that liability under Bond No. 168715 covering all wells drilled in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 11, Township 37 South, Range 22 East, and in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ and NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 11, Township 37 South, Range 22 East, SLEM, San Juan County, Utah, is hereby released.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:co

cc: Seaboard Surety Company
100 William Street
New York 38, New York